

*Copy of 1/5*

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**BIOGEN, INC.**  
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14 Cambridge Center  
Cambridge, MA 02142  
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JUL 31 2003

GROUP 1600

**TO:** Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**ATTN:** Examiner Fozia M. Hamud  
Art Group Unit: 1647

**FAX NO:** (703) 872-9306

**FROM:** Kathleen Philpot  
Patent Assistant

**DATE SENT:** July 30, 2003

**RE:** U.S. Patent Application No. 09/832,658  
Applicant: Pepinsky et al.  
Attorney Docket No. A065 US

/0 PAGES FOLLOW

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Attorney Docket No. A065 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

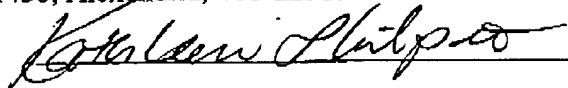
Applicant: Blake Perkins et al. Art Unit: 1647  
Application No.: 09/832,658 Examiner: Fozia M. Hamud  
Filed: April 11, 2001  
Title: POLYMER CONJUGATES OF INTERFERON BETA-1a AND USES

Mail Stop Non-Fee Amendment  
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I hereby certify under 37 CFR 1.8(a) that this correspondence is being transmitted by facsimile on the date indicated below and is addressed: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

30 July 2003  
Date



REVOCATION OF PRIOR POWERS OF ATTORNEY  
AND APPOINTMENT OF NEW POWER OF ATTORNEY

BIOGEN, INC., the Assignee of the entire right, title and interest in the above identified application by virtue of an executed Assignment document recorded in the U.S. Patent and Trademark Office for U.S. Serial No. 09/832,658 on February 5, 2002, on Reel/Frame 012674/0247, hereby revokes all Power of Attorney with respect to that application heretofore granted and appoints the below listed attorney with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office connected therewith.

Applicant: Blake Pepinsky et al.  
Application No.: 09/832,658  
Filed: April 11, 2001  
Page 2 of 3

Docket No. A065 US

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of FOLEY HOAG LLP, 155 Seaport Boulevard, Boston, MA 02210, United States of  
America.

Pursuant to 37 CFR 3.73(b), a copy of the executed assignment submitted for  
recording is attached hereto as evidence of the chain of title from the original owners to the  
assignee.

Applicant: Blake Pepinsky et al.  
Application No.: 09/832,658  
Filed: April 11, 2001  
Page 3 of 3

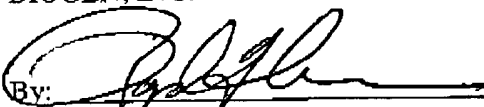
Docket No. A065 US

Please send all correspondence relating to the above patent application to: Customer  
ID No.: 25181

Patent Group  
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155 Seaport Boulevard  
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BIOGEN, INC.

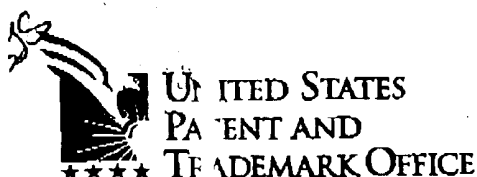
By: 

Typed Name: Raymond G. Arner

Title: Vice President, Chief Intellectual Property Counsel

Dated: 29 July 2003

13571



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MAY 9, 2002

Under Secretary of Commerce for Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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MINTZ, LEVIN, COHN, FERRIS, ET AL.  
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PTAS

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MAY 13 2002



\*102022976A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/05/2002

REEL/FRAME: 012674/0247  
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
LEPINSKY, BLAKE

DOC DATE: 01/03/2002

ASSIGNOR:  
LINKEL, LAURA

DOC DATE: 01/03/2002

ASSIGNOR:  
LICKELMAIER, MARGOT

DOC DATE: 01/04/2002

ASSIGNOR:  
WHITTY, ADRIAN

DOC DATE: 01/03/2002

ASSIGNOR:  
BOCHMAN, PAULA

DOC DATE: 01/04/2002

ASSIGNEE:  
HIOGEN, INC.  
14 CAMBRIDGE CENTER  
INTELLECTUAL PROPERTY DEPARTMENT  
CAMBRIDGE, MASSACHUSETTS 02142

00689-514 CON

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012674/0 47 PAGE 2

SERIAL NUMBER: 09832658  
PATENT NUMBER:

FILING DATE: 04/11/2001  
ISSUE DATE:

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Express Mail Label No.: EK005153048US  
Date of Deposit: February 5, 2002

03-19-2002

APPLICATION  
9-514 (A065US)

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FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

## FINANCE SECTION

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Blake Pepinsky (executed 1/3/02)  
Laura Runkel (executed 1/3/02)  
Margot Brickelmaier (executed 1/4/02)  
Adrian Whitty (executed 1/3/02)  
Paula Hochman (executed 1/4/02)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: See above

## 2. Name and address of receiving party(ies)

Name: Biogen, Inc.

Internal Address: Intellectual Property Department

Street Address: 14 Cambridge Center  
Cambridge, MA 02142

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_

## A. Patent Application No(s):

09/832,658 filed April 11, 2001

## B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. R. Ehrli  
Address: MINTZ, LEVIN, COHN, FERRIS  
GLOVSKY and POPEO, P.C.  
One Financial Center  
Boston, MA 02111

## 6. Total number of applications and patents involved: [ 1 ]

## 7. Total fee (37 CFR 3.41)

\$40.00

- ☒ Enclosed  
☐ The Commissioner is authorized to charge Deposit Account  
No: 50-0311, Reference No: \_\_\_\_\_

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## 9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Naomi S. was

*Naomi S. was*

February 5, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: [5]

Mail documents to be recorded with required cover sheet information to:

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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TRA 1626476v1

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Attorney Docket No. 00689-514 (A065US)

## ASSIGNMENT

We, **Blake Pepinsky, Laura Runkel, Margot Brickelmaier, Adrian Whitty and Paula Hochman**, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **Biogen, Inc.**, with offices at 14 Cambridge Center, Cambridge, MA 02142, and its successors, assigns and legal representatives, all hereinafter referred to as the **ASSIGNEE**: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

### POLYMER CONJUGATES OF INTERFERON BETA-1a AND USES

filed with the U.S. Patent and Trademark Office on April 11, 2001 and assigned Serial No. 09/832,658, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the **ASSIGNEE**, its designee, or in my/our names at the **ASSIGNEE**, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the **ASSIGNEE** of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the **ASSIGNEE**, to execute and to deliver to the **ASSIGNEE** any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexamination and extensions thereof.

We further agree at any time to execute and to deliver upon request of the **ASSIGNEE** such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the **ASSIGNEE** under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

U.S.S.N. 09/832,658  
Filed: April 11, 2001

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 1/3/02

Blake Pepinsky  
Blake Pepinsky

State of Massachusetts  
County of Middlesex

Subscribed and sworn to before me this 3<sup>rd</sup> day of January 2002.

Patricia A. Hystetter  
Notary Public

My commission expires May 19, 2006.

Date: 1/3/02

Laura Runkel  
Laura Runkel

State of Massachusetts  
County of Middlesex

Subscribed and sworn to before me this 3<sup>rd</sup> day of January 2002.

Patricia A. Hystetter  
Notary Public

My commission expires May 19, 2006.

U.S.S.N. 09/832 658  
Filed: April 11, 2001

Date:

Margot Brickelmaier  
Margot Brickelmaier

State of MassachusettsCounty of MiddlesexSubscribed and sworn to before me this 4th day of January 2002

Patricia A. Hefstetter  
Notary Public

My commission expires May 19, 2006Date: January 3, 2002

Adrian Whitty  
Adrian Whitty

State of MassachusettsCounty of MiddlesexSubscribed and sworn to before me this 3rd day of January 2002

Patricia A. Hefstetter  
Notary Public

My commission expires May 19, 2006

U.S.S.N. 09/832,658  
Filed: April 11, 2001

Date: 1/4/02

Paula Hochman  
Paula Hochman

State of Massachusetts  
County of Middlesex

Subscribed and sworn to before me this 4th day of January 2002.

Dorinda A. Hoffelt  
Notary Public

My commission expires May 19, 2006.

TRA 1611333v1